

IN THE CLAIMS

9. (Currently amended) A scanning device to acquire documents characterized by comprising an input that receives an input image data, and is connected to a layer creator component, which converts at least part of said input image data to a chroma space format and in turn outputs a first and a second layer, such layers having different data compression rates.

10. (Currently amended) A scanning device according to claim 9, ~~characterized in that~~wherein said first layer assembles BW data and said second layer assembles color data.

11. (Currently amended) A scanning device according to claim 10, ~~characterized in that~~wherein said layer creator component comprises a threshold block connected in series to a compressor.

12. (Currently amended) A scanning device according to claim 11, ~~characterized in that~~wherein said compressor is a G4 compressor.

13. (Currently amended) A scanning device according to claim 12, ~~characterized in that~~wherein said layer creator component further comprises a RGB to HLN converter, having an output channel connected to a series of a down scale device, an histogram and threshold selector, a look-up-table, a blob analysis block, a fill regions block and a further compressor.

14. (Currently amended) A scanning device according to claim 13, ~~characterized in that~~wherein said further compressor is a JPEG compressor.